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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

112503

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)2.  Applicant claims small entity status.  
See 37 CFR 1.27.3.  Specification (Total Pages 15) (preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) (Total Sheets 6)

5. Oath or Declaration (Total Pages 4)

- a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)

i.  **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application Information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 6b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or attach bar code label here)

or

 Correspondence address below

Name	KANESAKA & TAKEUCHI 1423 Powhatan Street				
Address			State	VA	Zip Code
City	Alexandria		Telephone	(703) 519-9785	Fax
Country	U.S.A.				703) 519-769

Name (Print/Type)	Satoru Takeuchi	Registration No. (Attorney/Agent)	53,670
Signature			Date 11/25/03

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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1071720389

**FEET TRANSMITTAL**

for FY 2005 U.S.PTO

Patent fees are subject to annual adjustment.



112503

**Complete If Known**

Application Number	N/A
Filing Date	11/25/03
First Named Inventor	Yukinori MIYAKE
Examiner Name	N/A
Group Art Unit	N/A
Attorney Docket No.	H0303T

TOTAL AMOUNT OF PAYMENT

(\$ 1,100.00)

**METHOD OF PAYMENT**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 20-0060

Deposit Account Name Takeuchi Patent Office

- Charge Any Additional Fee Required Under 37 CFR 1.10 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

**FEES CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	770
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 770)

**2. EXTRA CLAIM FEES**

Total Claims	Independent Claims	Extra Claims	Fee from Table	Fee Paid
174	-20** = 1	0	0	0
Independent Claims	1	-3** = 0	0	0
Multiple Dependent			290	290

**Large Entity Small Entity**

Fee Code (\$)	Fee Code (\$)	Fee Description		
103	10	203	9	Claims in excess of 20
102	00	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	00	209	40	** Relates to independent claims over original patent
110	10	210	9	** Relates to claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 290)

\*or number previously paid, if greater; For Reissues, see above

**FEES CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,040*	113	1,040*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	220	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
130	1,510	130	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	60	123	60	Proceeding fee under 37 CFR 1.17(q)	
126	100	126	100	Submission of Information Disclosure Stmt	
501	40	501	40	Recording each patent assignment per property (times number of properties)	40
148	710	246	355	Filing a continuation after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

**SUBMITTED BY**

Name (Print/Type)	Satoru Takeuchi	Registration No. (Attorney/Agent)	53,670	Telephone (703) 519-9785
Signature		Date	11/25/03	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2030.

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